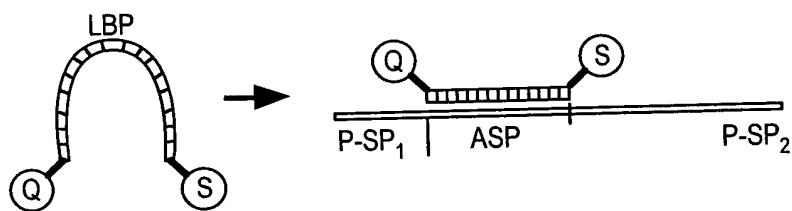
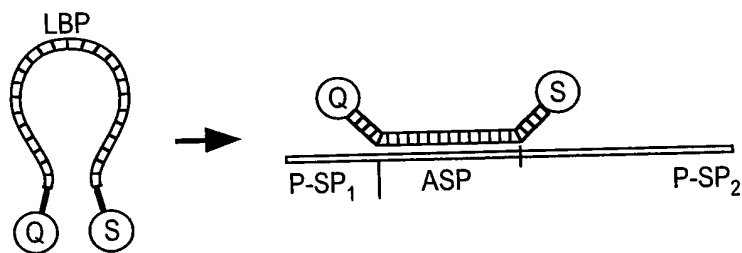
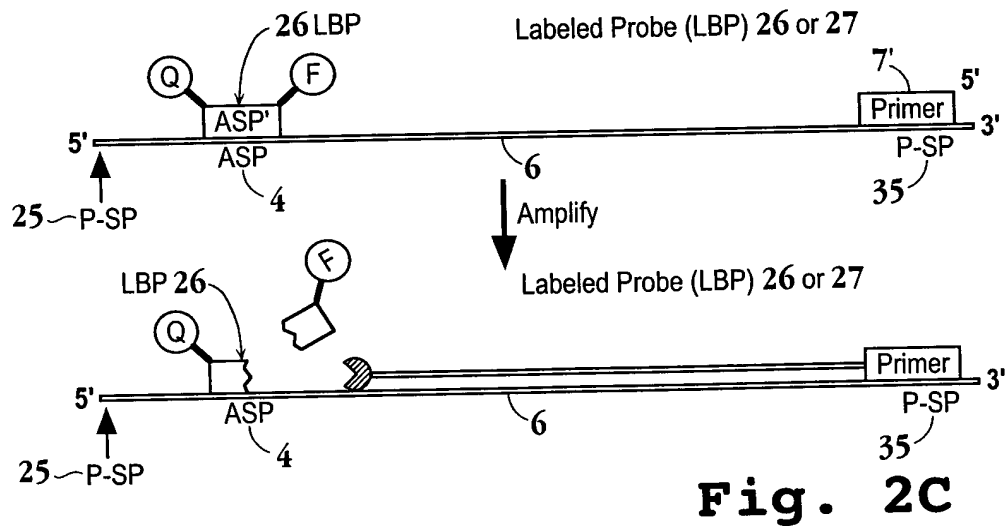
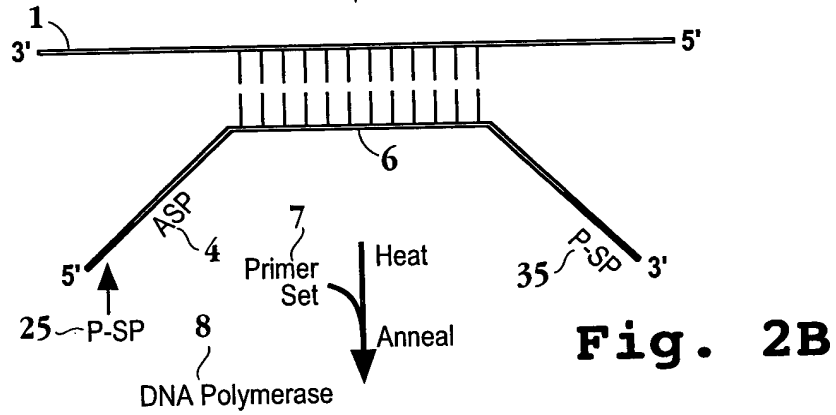
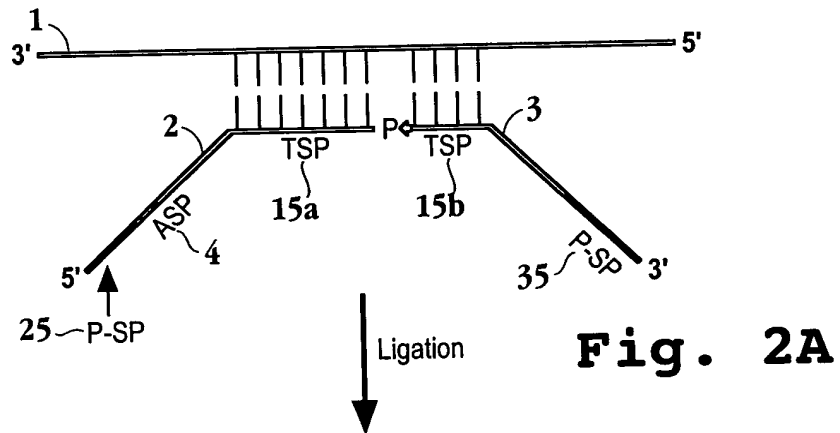
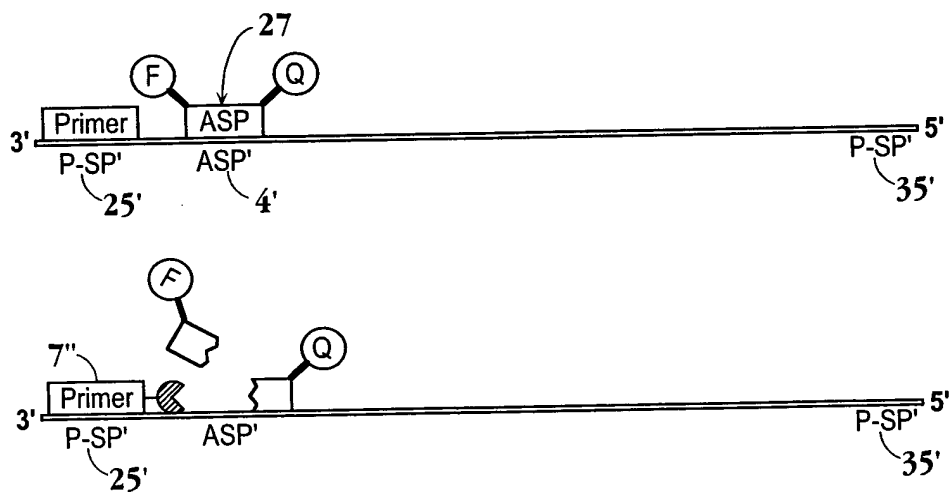
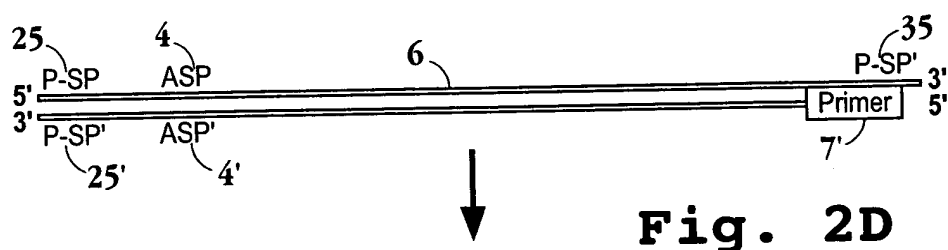
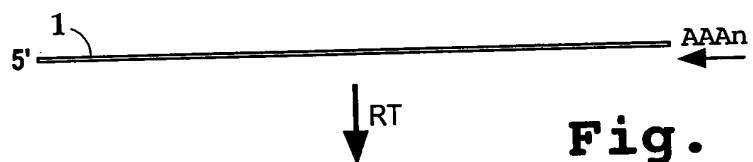
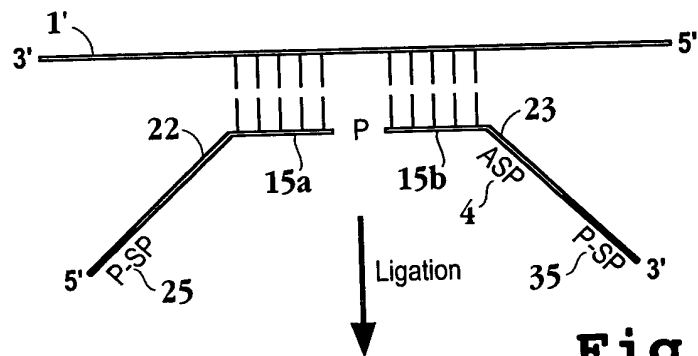
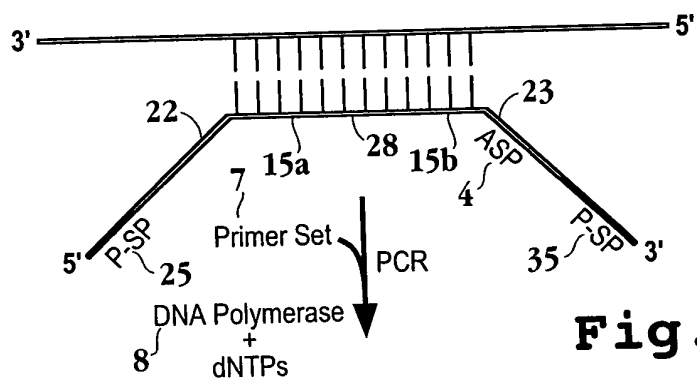
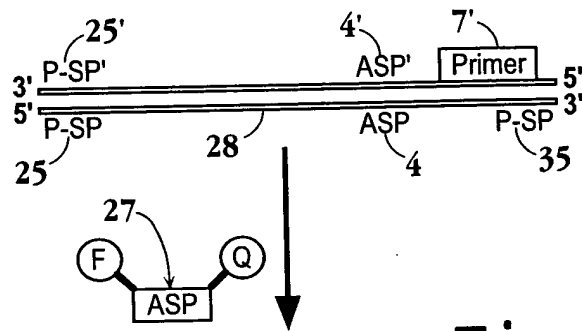
**Fig. 1A****Fig. 1B****Fig. 1C**

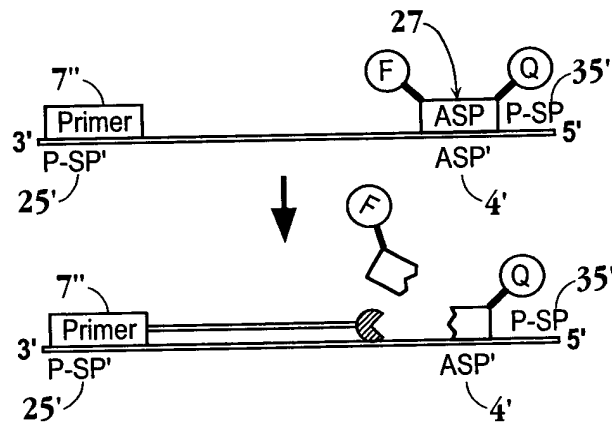




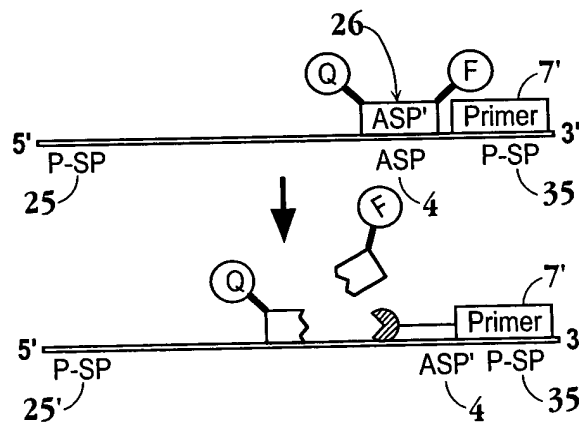
**Fig. 3A****Fig. 3B****Fig. 3C**



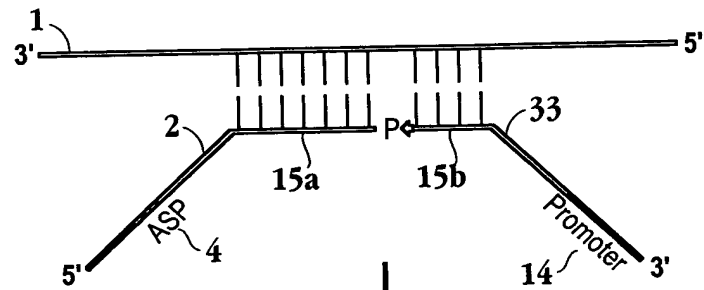
**Fig. 3D**



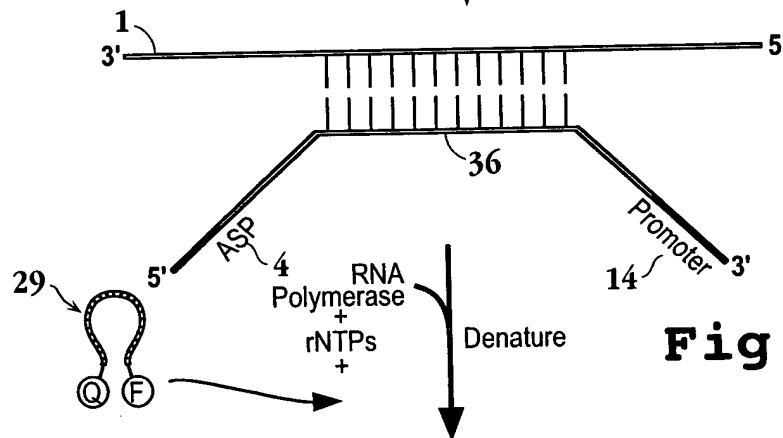
**Fig. 3E**



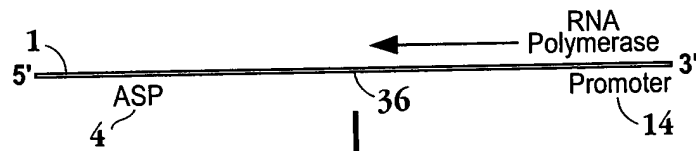
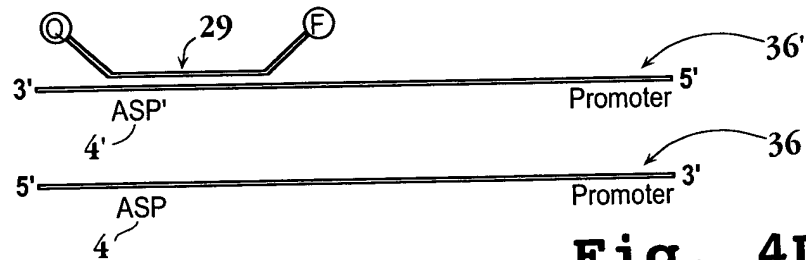
**Fig. 3F**

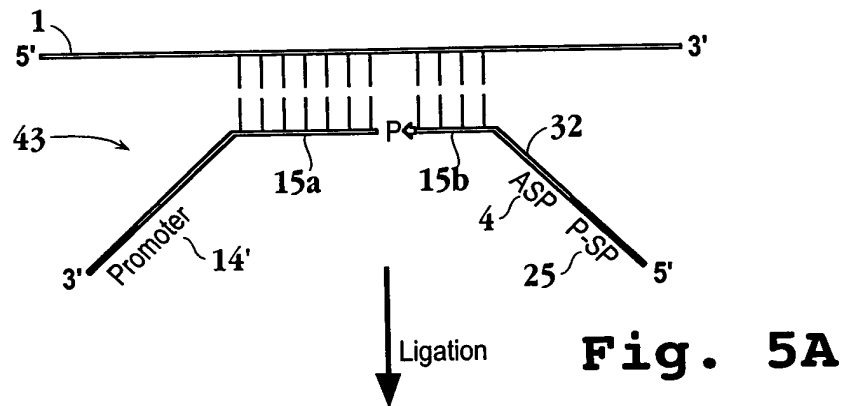


Ligation

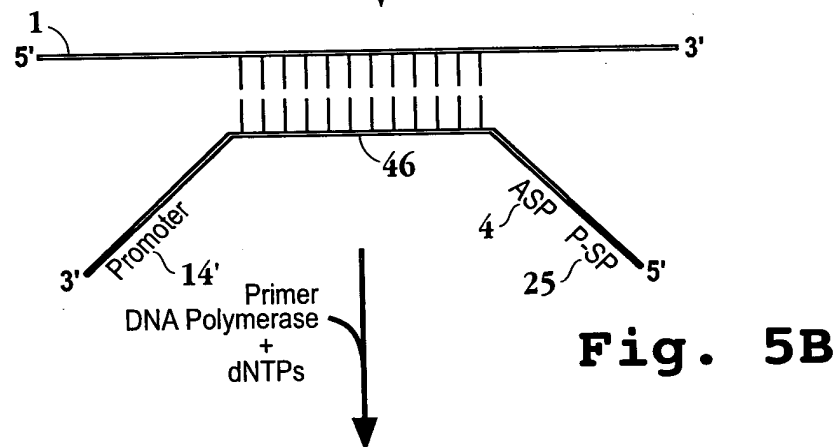
**Fig. 4A**RNA  
Polymerase  
+  
rNTPs  
+

Denature

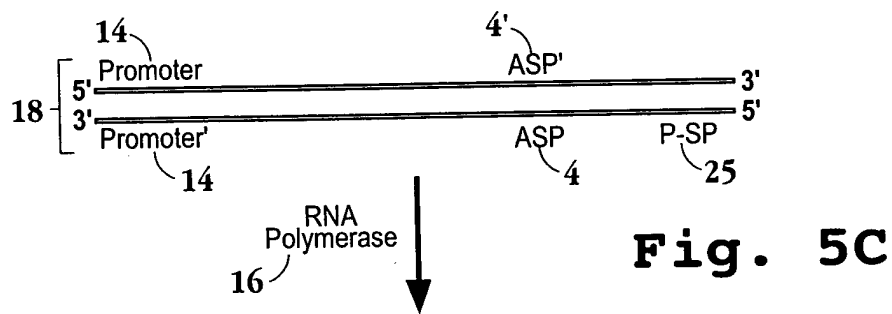
**Fig. 4B****Fig. 4C****Fig. 4D**



**Fig. 5A**



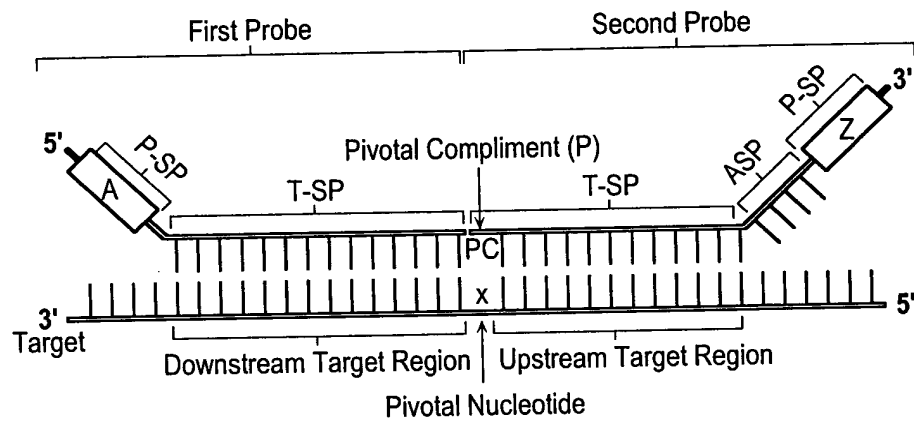
**Fig. 5B**



**Fig. 5C**

Transcription products to which labeled probes hybridize

**Fig. 5D**



**Fig. 6**



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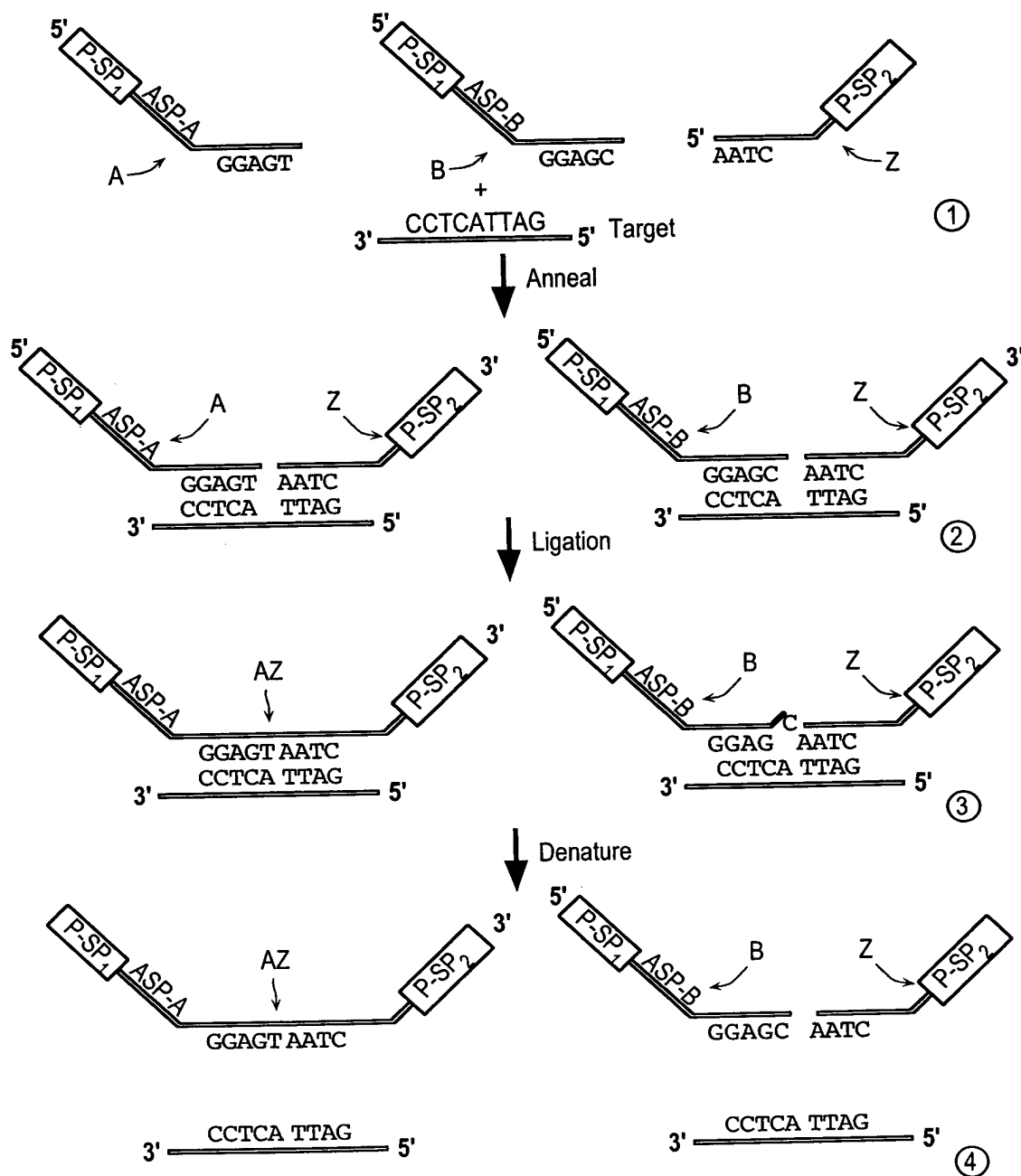
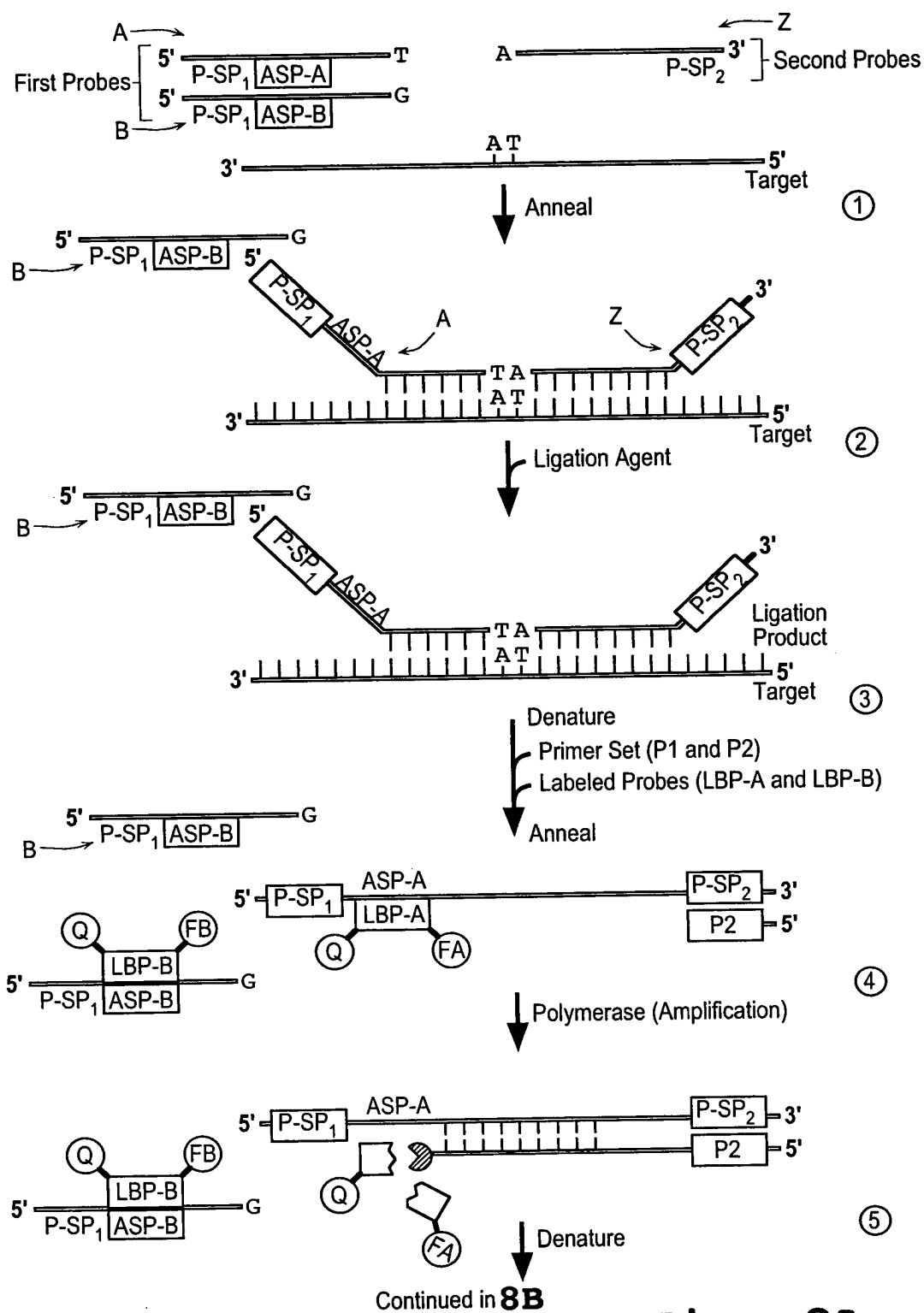


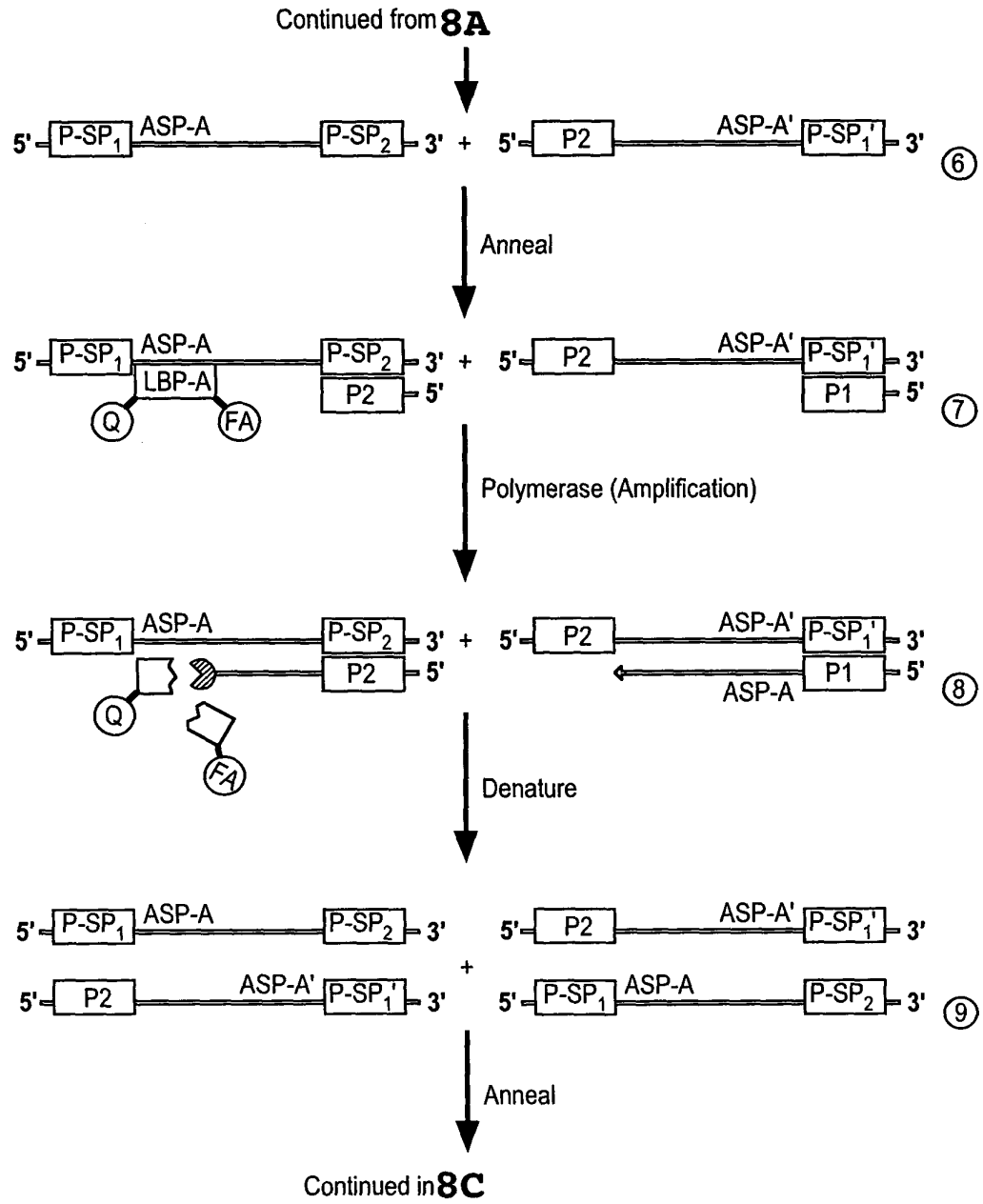
Fig. 7

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**Fig. 8A**

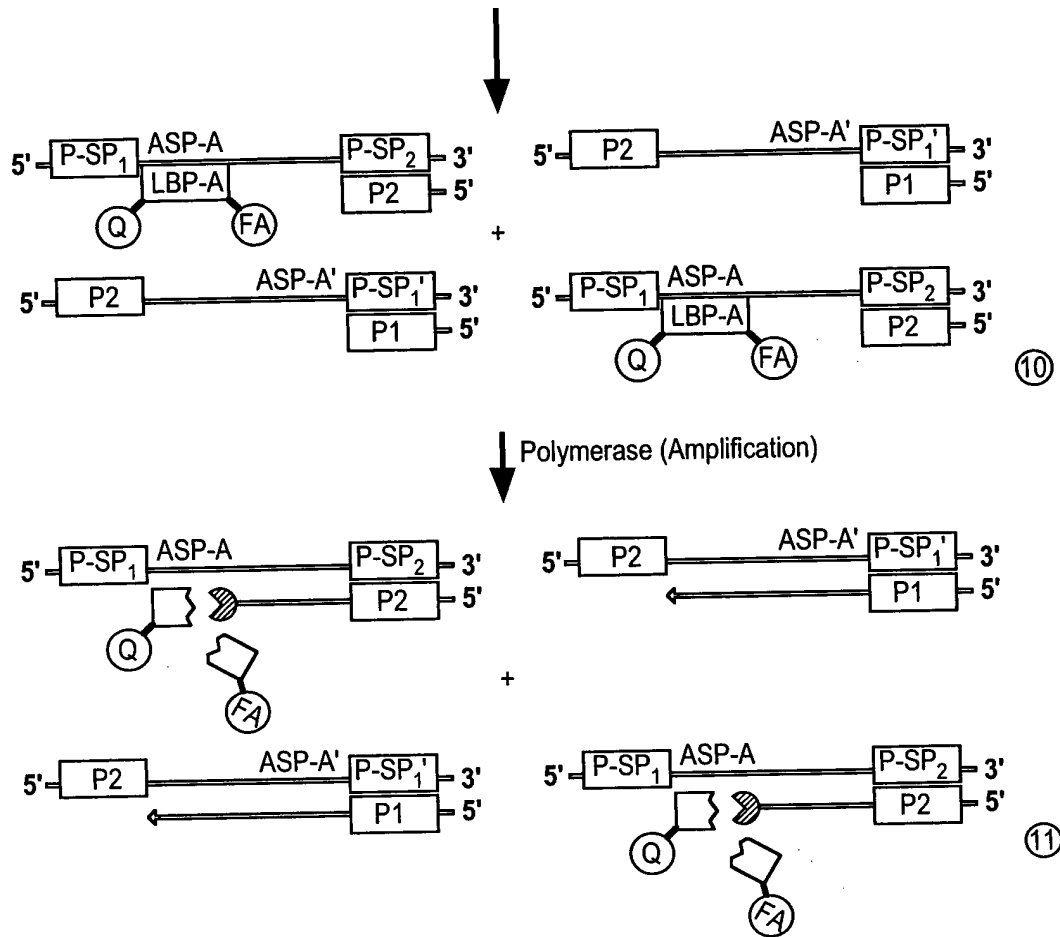
11/23



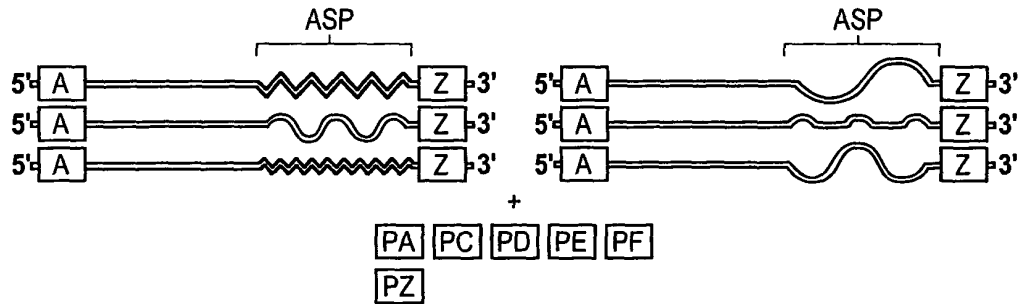
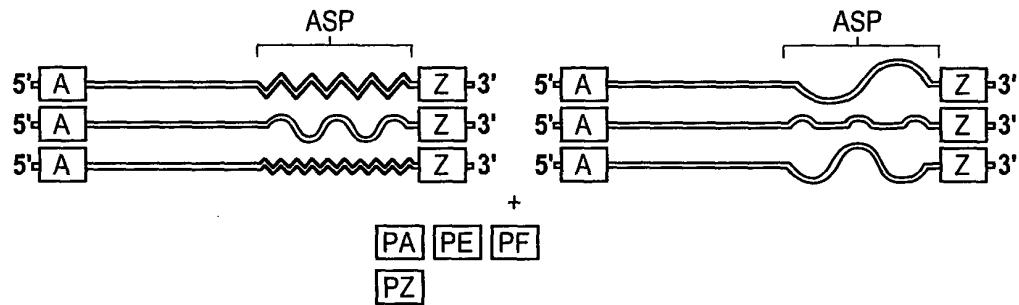
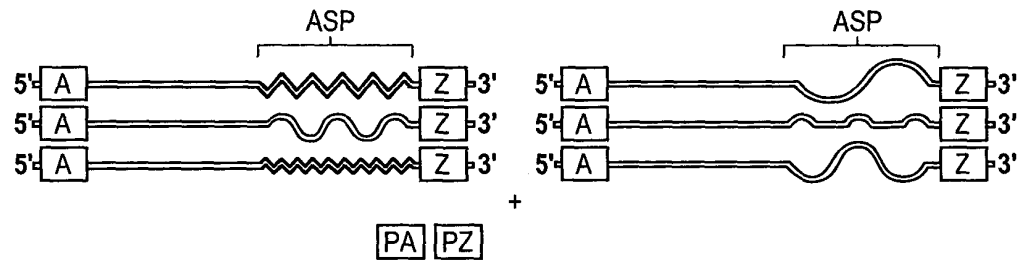
**Fig. 8B**

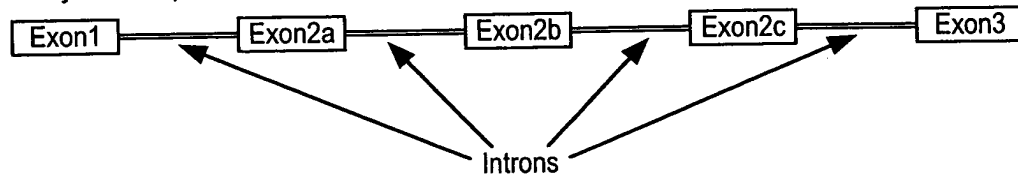
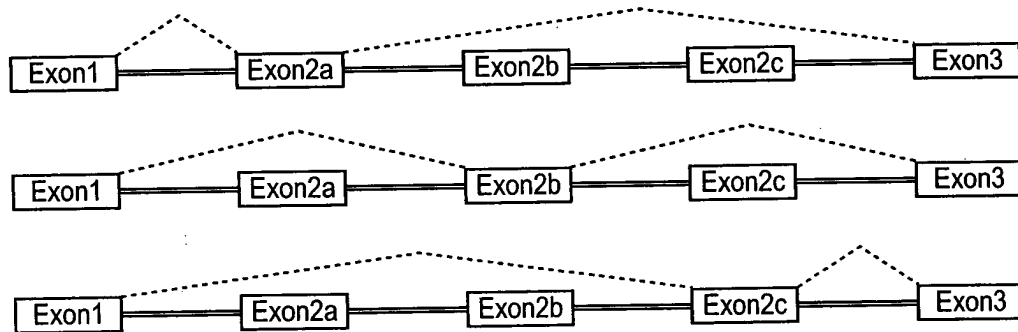
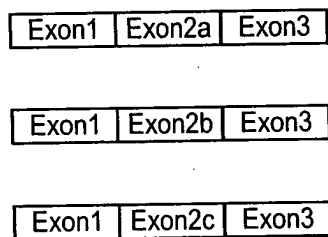
12/23

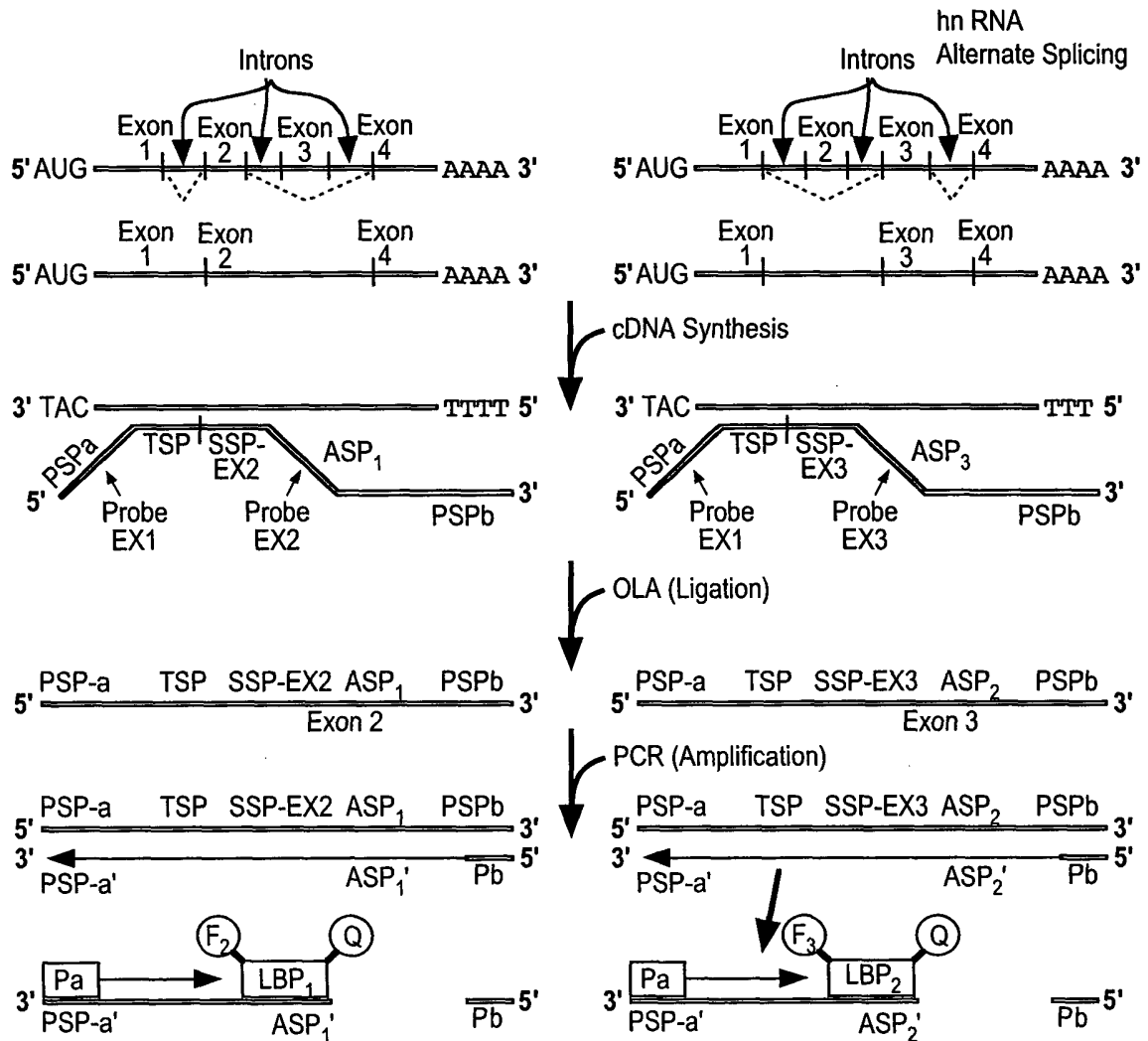
Continued from **8B**



**Fig. 8C**

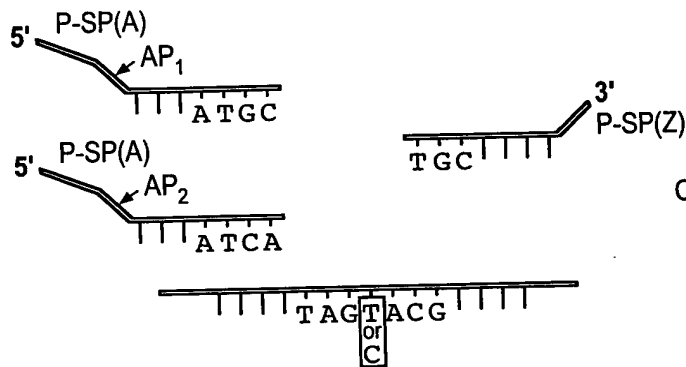
**Fig. 9A****Fig. 9B****Fig. 9C**

*Primary Transcript**Splicing Options**Mature mRNA Versions***Fig. 10**



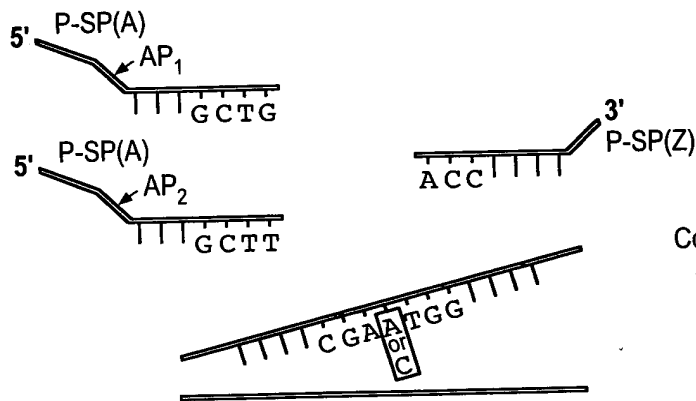
TSP = Target Specific Portion  
 SSP = Splice Specific Portion  
 ASP = Addressable Portion  
 PSP = Primer Specific Portion

**Fig. 11**



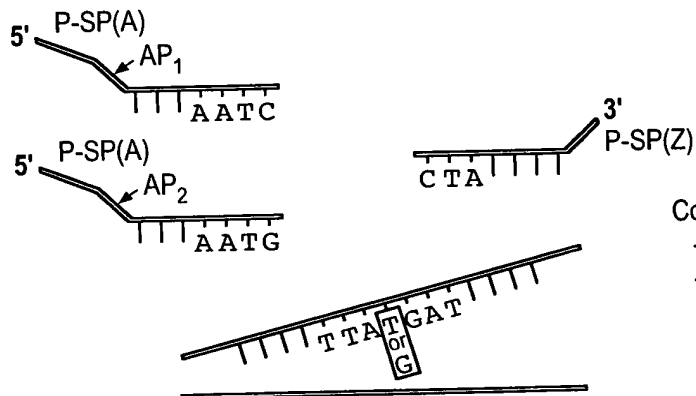
Combine with:  
 - Primers PA and PB, and  
 - Labeled Probes LBP-1, LPB-2  
 LBP-3, LBP-4, LBP-5, LBP-6

**Fig. 12A**



Combine with:  
 - Primers PA and PB, and  
 - Labeled Probes LBP-1, LPB-2  
 LBP-3, LBP-4, LBP-5, LBP-6

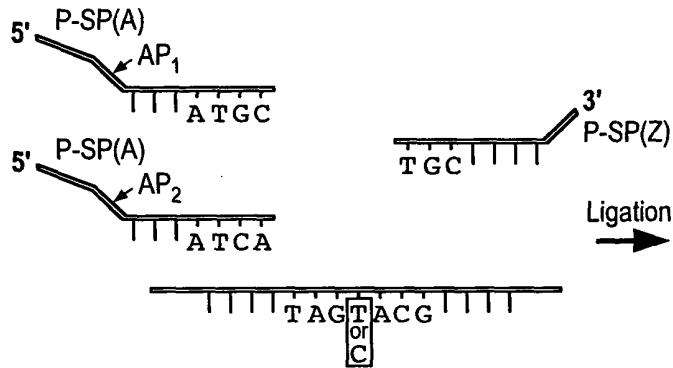
**Fig. 12B**



Combine with:  
 - Primers PA and PB, and  
 - Labeled Probes LBP-1, LPB-2  
 LBP-3, LBP-4, LBP-5, LBP-6

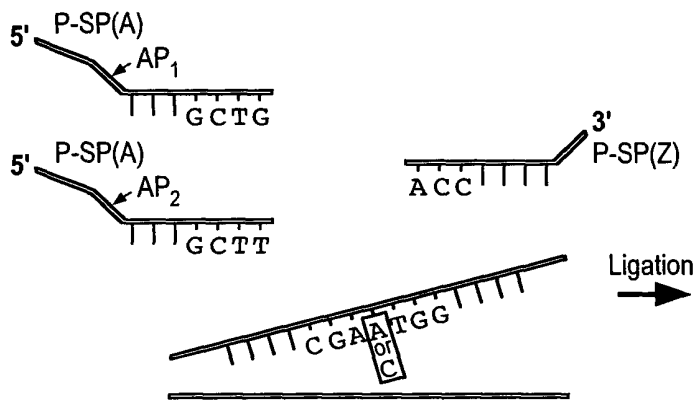
**Fig. 12C**





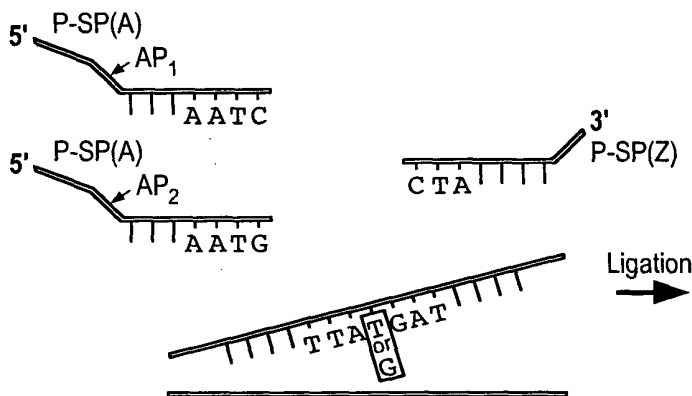
Amplification reaction composition with:

- Primers AB and PB, and
- Labeled Probes LBP-1 and LPB-2

**Fig. 13A**

Amplification reaction composition with:

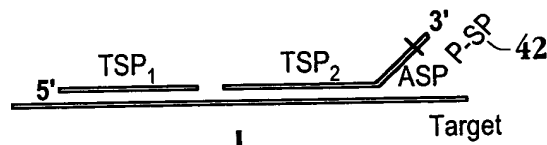
- Primers AB and PB, and
- Labeled Probes LBP-1 and LPB-2

**Fig. 13B**

Amplification reaction composition with:

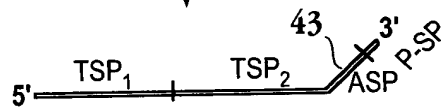
- Primers AB and PB, and
- Labeled Probes LBP-1 and LPB-2

**Fig. 13C**



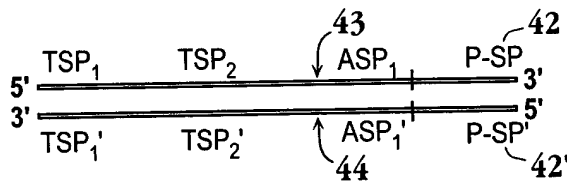
**Fig. 14A**

Ligation



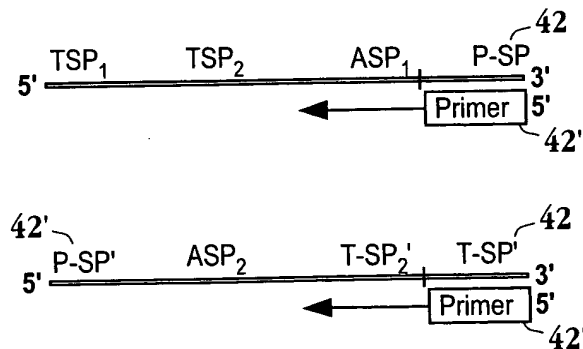
**Fig. 14B**

Primer 42'  
1st Amplification cycle



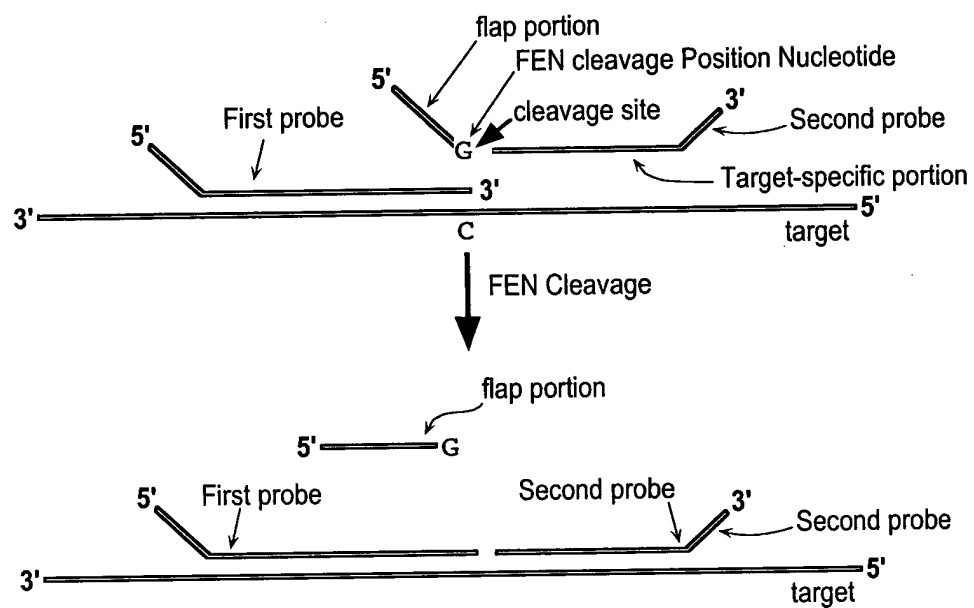
**Fig. 14C**

2nd Amplification cycle

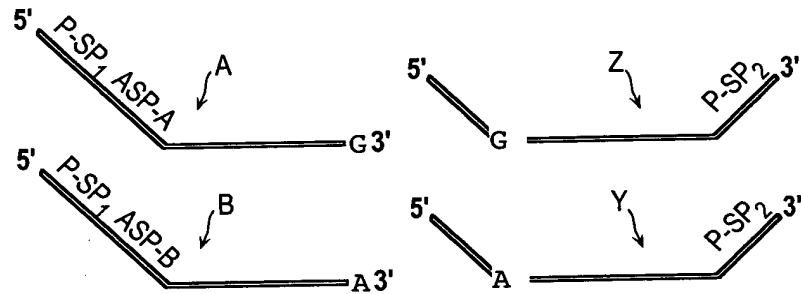


**Fig. 14D**

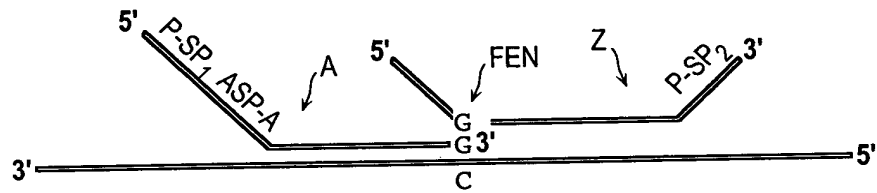
excess first probe



**Fig. 15**

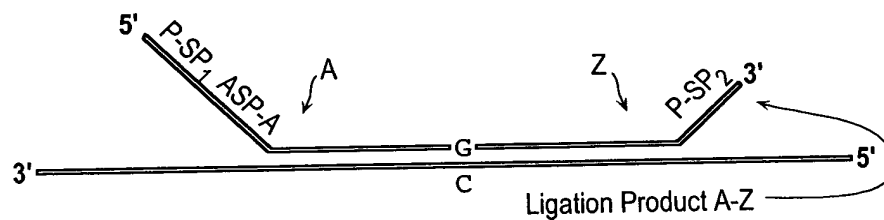


**Fig. 16A**

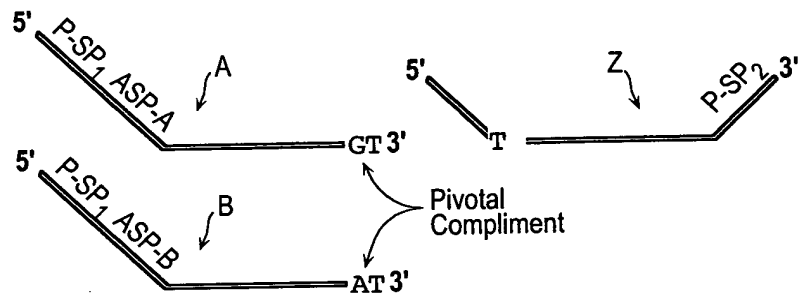


**Fig. 16B**

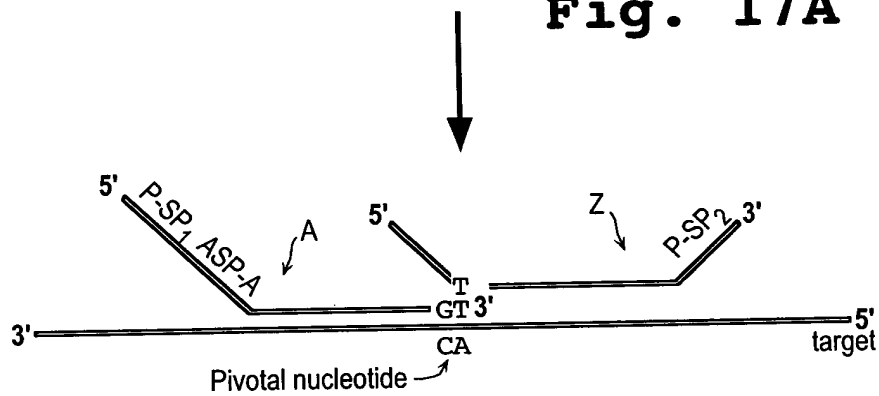
Target with "C" at pivotal nucleotide allows FEN cleavage and ligation of Probes A and Z



**Fig. 16C**

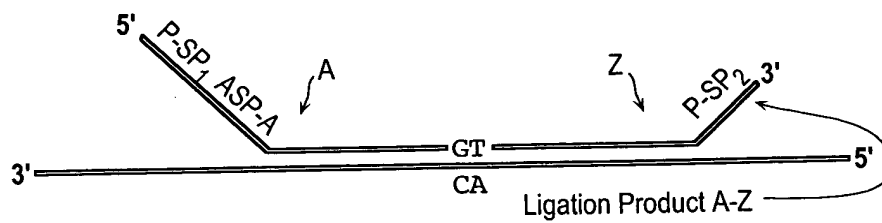


**Fig. 17A**

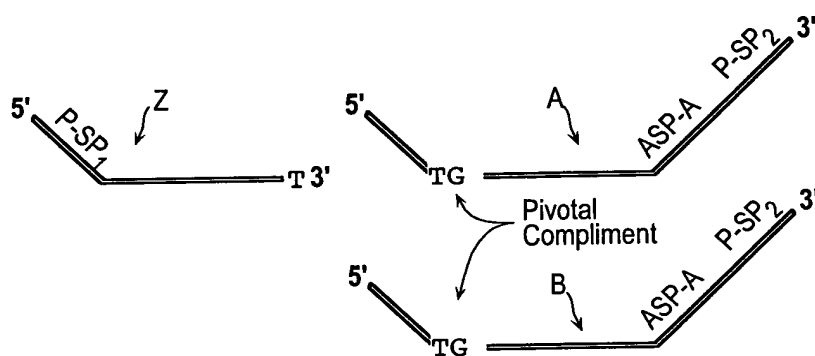
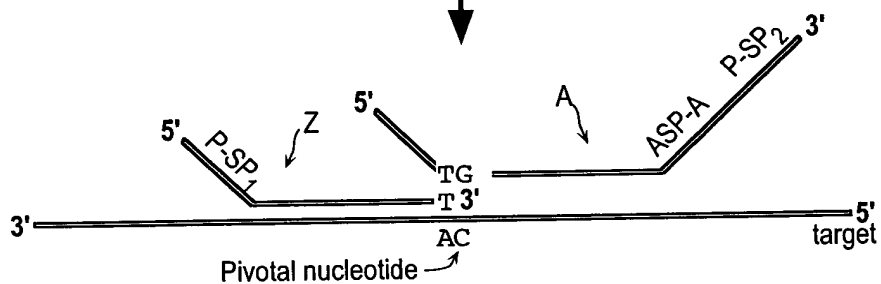


**Fig. 17B**

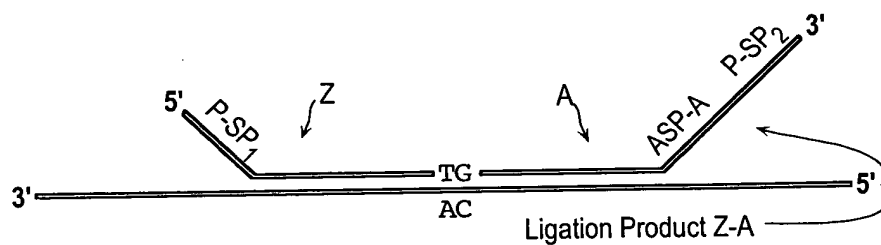
Target with "C" at pivotal nucleotide allows FEN cleavage and ligation of Probes A and Z

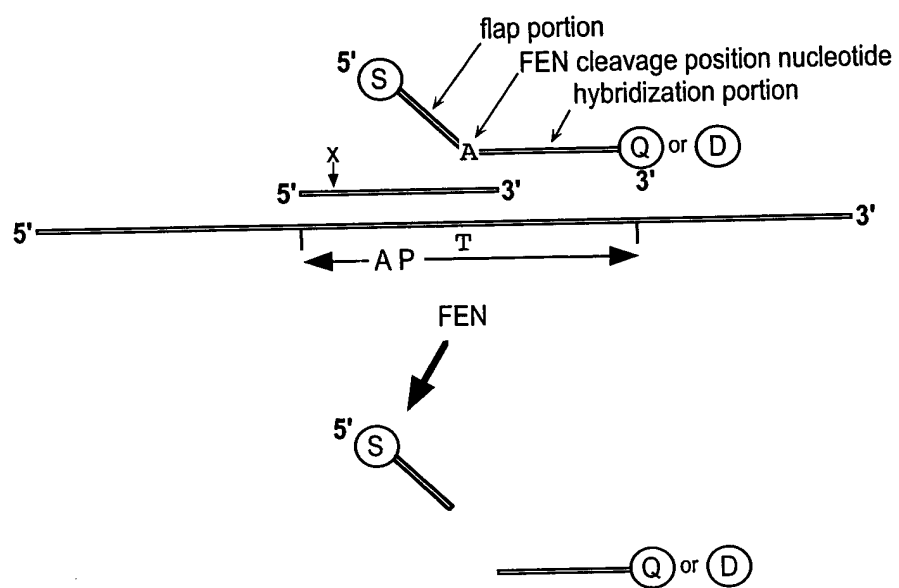


**Fig. 17C**

**Fig. 18A****Fig. 18B**

Target with "C" at pivotal nucleotide allows FEN cleavage and ligation of Probes Z and A

**Fig. 18C**

**Fig. 19**